

WATER FOR UTAH

BOARD OF WATER RESOURCES FUNDING PROGRAM REVIEW

October 1999

UTAH BOARD OF WATER RESOURCES

In 1947 the State Legislature established the Board of Water Resources for the purpose of providing technical and financial assistance to public or private entities desiring to more effectively utilize the state's water resources. Since initiation of that policy, the state has appropriated approximately \$176 million for water development. Because the Board requires most financial assistance be repaid (hence the term revolving loan program is often used) the Board has provided over \$356 million through its Revolving Construction, Cities Water Loan, and Conservation and Development Funds for a ratio of almost \$2.00 in construction for each dollar appropriated. Funding programs are administered through the Division of Water Resources, Utah Department of Natural Resources, under supervision of the eight-member Board of Water Resources. The Board and Division are charged with planning for full utilization of the water and power years the Board and Division have 52 resources of the state. During the past 1118 been involved in the planning, design, construction, and financing of water projects.

BOARD OF WATER RESOURCES

Summary of Funds Invested in Water Development from 1947 thru FY 1999

County	Revolving Construction Fund		C&D/Bonding Fund		Citites Water Loan Fund		Total Funds		% of Funds
	Funds	Projects	Funds	Projects	Funds	Projects	Funds	Projects	
Beaver	2,222,620	20	2,079,000	3	690,000	3	4,991,620	26	1.4
Box Elder	3,307,629	38	5,458,276	7	2,824,500	15	11,590,405	60	3.2
Cache	7,428,632	36	6,763,500	11	5,420,000	20	19,612,132	67	5.5
Carbon	616,494	12	3,750,000	4	4,928,000	8	9,294,494	24	2.6
Daggett	2,754,179	7	0	0	471,300	3	3,225,479	10	0.9
Davis	7,145,297	17	24,632,731	11	5,269,400	14	37,047,428	42	10.4
Duchesne	1,863,498	13	4,676,869	2	2,766,000	11	9,306,367	26	2.6
Emery	1,368,621	7	1,300,000	2	1,556,000	6	4,224,621	15	1.1
Garfield	1,977,008	23	3,298,784	4	1,162,000	6	6,437,792	33	1.8
Grand	347,438	4	4,300,000	1	1,015,000	2	5,662,438	7	1.5
Iron	1,540,034	17	2,636,000	4	2,314,000	9	6,490,034	30	1.8
Juab	2,206,636	26	4,033,769	3	654,000	3	6,894,405	32	1.9
Kane	1,290,101	8	1,849,673	2	1,531,000	4	4,670,774	14	1.3
Millard	8,024,573	101	0	0	2,295,300	13	10,319,873	114	2.8
Morgan	1,028,787	14	0	0	300,000	1	1,328,787	15	0.3
Piute	3,067,087	13	0	0	0	0	3,067,087	13	0.8
Rich	3,053,246	11	580,000	2	217,000	3	3,850,246	16	1.0
Salt Lake	4,978,999	28	19,951,672	11	1,860,000	3	26,790,671	42	7.5
San Juan	1,513,055	11	10,460,000	3	552,000	3	12,525,055	17	3.5
Sanpete	10,725,600	76	9,179,516	14	4,491,700	14	24,396,816	104	6.8
Sevier	3,206,502	31	2,025,000	4	1,393,700	8	6,625,202	43	1.8
Summit	2,926,303	22	9,464,000	5	7,609,961	13	20,000,264	40	5.6
Tooele	2,330,924	26	8,880,000	2	433,000	3	11,643,924	31	3.2
Uintah	3,222,975	17	3,714,372	3	1,454,000	4	8,391,347	24	2.3
Utah	3,540,969	64	13,318,877	14	4,060,000	11	20,919,846	89	5.8
Wasatch	1,605,963	21	8,577,000	5	0	0	10,182,963	26	2.8
Washington	5,786,144	46	39,258,195	13	4,414,500	16	49,458,839	75	13.8
Wayne	3,252,722	34	310,000	1	80,000	1	3,642,722	36	1.0
Weber	4,433,162	31	7,769,817	11	1,293,000	5	13,495,979	47	3.7
BOARD TOTALS	\$96,765,198	774	\$198,267,051	142	\$61,055,361	202	\$356,087,61	1118	100.0%
Cost Sharing	\$58,283,656		\$214,011,851		\$79,798,392		\$352,093,899		
TOTAL COST	\$155,048,854		\$412,278,902		\$140,853,753		\$708,181,509		

**BOARD OF WATER RESOURCES
APPROPRIATIONS**

YEAR	<u>CONSTRUCTION</u>	<u>CITY LOANS</u>	<u>C&D FUND</u>	<u>TOTAL</u>
1947 - 1949	\$ 1,000,000			\$ 1,000,000
1949 - 1951	0			0
1951 - 1953	500,000			500,000
1953 - 1955	250,000			250,000
1955 - 1957	500,000			500,000
1957 - 1959	1,000,000			1,000,000
1959 - 1961	750,000			750,000
1961 - 1963	0			0
1963 - 1965	1,000,000			1,000,000
1965 - 1967	900,000			900,000
1967 - 1969	576,000			576,000
1969 - 1970	300,000			300,000
1970 - 1971	392,000			392,000
1971 - 1972	400,000			400,000
1972 - 1973	1,000,000			1,000,000
1973 - 1974	1,500,000			1,500,00
1974 - 1975	1,000,000	\$ 2,000,000		3,000,000
1975 - 1976	1,000,000	0		1,000,000
1976 - 1977	1,500,000	3,500,000		5,000,000
1977 - 1978	5,394,400	1,778,000		7,172,400
1978 - 1979	0	2,000,000	\$ 25,000,000	27,000,00
1979 - 1980	2,390,000	1,901,343	25,000,000	29,291,343
1980 - 1981	1,000,000	1,000,000	0	2,000,000
1981 - 1982	500,000	1,000,000	0	1,500,000
1982 - 1983	500,000	3,000,000	20,000,000	23,500,000
1983 - 1984	5,500,000	2,500,000	0	8,000,000
1984 - 1985	0	1,086,800	0	1,086,800
1985 - 1986	2,000,000	1,250,000	3,000,000	6,250,000
1986 - 1987	0	50,000	0	50,000
1987 - 1988	0	0	0	0
1988 - 1989	0	500,000	0	500,000
1989 - 1990	0	0	14,643,429	14,643,429
1990 - 1991	0	0	0	0
1991 - 1992	0	0	5,800,000	5,800,000
1992 - 1993	300,000 *	0	4,236,000	4,536,000
1993 - 1994	185,000 *	0	398,200	583,200
1994 - 1995	1,300,000 *	0	589,500	1,889,500
1995 - 1996	0	0	2,489,500	2,489,500
1996 - 1997	3,200,000 *	0	2,256,500	5,456,500
1997 - 1998	4,363,000 *	0	3,076,185	7,439,185
1998 - 1999	4,363,000 *	0	3,039,500	7,402,500
TOTAL	<u>\$ 44,563,400</u>	<u>\$ 21,566,143</u>	<u>\$109,528,814</u>	<u>\$ 175,658,357</u>

*Appropriations For Dam Safety Studies and Repairs

BOARD OF WATER RESOURCES

SUMMARY OF PROJECT TYPES

1947 - 1999

Projects With Feature	Project Type
19	Dam Safety Construction Projects
114	Dams, Dam Repair, Enlargement
48	Diversion Dams
59	Wells
140	Canals and Canal Linings
58	Pipelines
203	Sprinkler Systems
63	Dual Water Systems
366	Municipal and Domestic Systems
48	Miscellaneous
1118	Total

BOARD OF WATER RESOURCES
Projects Funded FY 1999

Sponsor	County	Board Funds	
REVOLVING CONSTRUCTION FUND			
Pine Creek Irrigation Co	Garfield	\$	175,000
Orderville Irrigation Co	Kane	\$	856,000
Shiloah Wells Water Co	Millard	\$	62,000
Gunnison Fayette Canal Co	Sanpete	\$	108,100
Koosharem Irrigation Co	Sevier	\$	127,000
Westview Irrigation Co	Sevier	\$	124,300
Island Ditch Co	Uintah	\$	391,000
Fairfield Irrigation Co	Utah	\$	240,000
North Union Irrigation Co	Utah	\$	99,000
Leeds Water Company	Washington	\$	69,448
RCF Total	10 Projects	\$	2,251,848
CITIES WATER LOAN FUND			
Axtell Community SSD	Sanpete	\$	224,000
Manti City	Sanpete	\$	1,600,000
Summit County (timberline)	Summit	\$	424,800
CWL Total	3 Projects	\$	2,248,800
CONSERVATION AND DEVELOPMENT FUND			
Weber-Bos Elder Conservancy District	Box Elder	\$	2,560,000
Wellington City	Carbon	\$	1,700,000
East Juab County Water Conservancy District	Juab	\$	2,270,000
Salt Lake County Water Conservancy District	Salt Lake	\$	63,914 *
Gunnison Irrigation Company	Sanpete	\$	525,000
Manti Irrigation & Res Co	Sanpete	\$	1,500,000
Central Utah Water Conservancy District	Utah	\$	24,077 *
Midway Irrigation Company	Wasatch	\$	5,355,000
Wolf Creek Sewer and Water Company	Weber	\$	496,000
C&D Total	9 Projects	\$	14,493,991
TOTAL	22 projects	\$	18,994,639

*Grants for Dam Safety Construction or Credit Enhancement

BOARD OF WATER RESOURCES
Projects Funded FY 1999

Sponsor	County	Board Funds
REVOLVING CONSTRUCTION FUND		
Southcreek Prim A W U Irr Co	Beaver	\$ 86,000
Holmes Creek Irrigation Co	Davis	\$ 300,000
Dry Gulch Irrigation Co	Duchesne	\$ 35,000
Otter Creek Reservoir Co	Piute	\$ 1,700,000
Wanship Irrigation Co No 2	Summit	\$ 96,000
RCF Total	5 Amendments	\$ 2,217,000
CONSERVATION AND DEVELOPMENT FUND		
Kays Creek Irrigation Co	Davis	\$ 13,735
Woodland South Hills Irr Co	Wasatch	\$ 390,000
C&D Total	2 Amendments	\$ 403,735
TOTAL	7 Amendments	\$ 2,620,735

*Grants for Dam Safety Construction or Credit Enhancement

BOARD OF WATER RESOURCES
Revolving Construction Fund
Funding Status
FY 2000

Carryover From Previous Fiscal Year	\$2,572,000
Interest	\$265,000
Repayments	\$2,817,000
Appropriations	\$0
Land Board Income	<u>\$50,000</u>
Available Funds	\$5,704,000

Cloud Seeding Costs	(\$150,000)	
Engineering Payments To Investigation Account	(\$200,000)	
Funds Contracted (Unpaid Balance)	(\$762,000)	
Total Deductions		<u>(\$1,112,000)</u>

Funds Available for Projects This FY	\$4,592,000
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Projects Contracted This FY

1 Wolf Creek Irrigation Company	\$556,000	
2 Porcupine Reservoir Company	233,500	
3 Mona Irrigation Company	92,000	
4 Grouse Creek SSD	17,000	
Total Funds Contracted		<u>\$899,000</u>
Funds Balance		\$3,693,000

Projects with Funds Committed

1 Dry Gulch Irrigation Company	\$67,000	
2 Mosby Irrigation Company	277,000	
3 Wolf Creek Irr Co (Amend)	294,000	
Total Funds Committed		<u>\$638,000</u>
Funds Balance		\$3,055,000

Projects Ready for Funding During This Fiscal Year

1 Beaver Bench Irrigation Company	\$280,000	
2 Pintura Irrigation Company	182,000	
3 Croydon Pipeline Company	35,000	
4 North Canyon Irrigation Company	315,000	
5 Devil's Pass Water Company	327,000	
6 St George Valley Irrigation Company	450,000	
7 Riverside-North Garland Water Company	220,000	
8 Wales Irrigation Company	49,000	
9 Don Anderson	170,000	
Total Funds Authorized		<u>\$2,028,000</u>
Remaining Funds Available		\$1,027,000

Oct-99

BOARD OF WATER RESOURCES
Revolving Construction Fund (Dam Safety)
Funding Status
FY2000

Carryover From Previous Fiscal Year		\$3,925,000
Appropriations		<u>\$4,363,000</u>
Available Funds		\$8,288,000
Funds Contracted (Unpaid Balance)	(\$8,654,000)	
Dam Safety Funds Available for This FY		<u>(\$3,666,000)</u>

Dam Safety Grants & Loans Contracted This FY

1 Lake Creek Irr Co (Deer Valley)-Amd	Study	5,000	
2 Blue Creek Irr Co (Blue Creek)-Amd	Study	2,000	
3 Porcupine Res Co (Porcupine Dam) Amd	Construction	1,900,000	
4 Porcupine Res Co (Porcupine Dam)	Construction	100,000	
5 Fremont Irr Co (Forsyth Dam)	Construction	603,250	
6 Fremont Irr Co (Forsyth Dam)	Construction	<u>31,750</u>	
Total Funds Contracted/Balance		\$2,642,000	(\$3,205,000)

Funds Committed For Study Grants

1 Enterprise Res & Canal Co (Upper Ent.)	25,000	
2 Moon Lake WUA (East Timothy)	7,066	
3 Corn Creek Irr Co (Corn Creek)	25,000	
4 Sevier Valley Canal Co (Three Creeks)	25,000	
5 DMAD Co (DMAD)	15,000	
6 Deseret & Abraham Irr Cos (Gunnison)	25,000	
7 Rocky Ford Canal Co (Rocky Ford-Sevier)	25,000	
8 Centerville Deuel Cr Irr Co (Deuel Creek)	25,000	
9 Davis & Weber County CC (Kaysville)	<u>25,000</u>	
Total Funds Committed/Balance	\$197,066	(\$3,205,000)

Funds Committed For Study Loans

1 Grand County WCD (Mill Creek)	<u>\$28,970</u>	
Total Funds Committed/Balance	\$28,970	(\$3,234,000)

Funds Committed For Construction Grants

1 Kays Creek Irr Co (Adams Dam) Amd	\$4,000	
2 Rocky Ford Irr Co (Rocky ford Dam)	1,170,000	
3 Lindon City (Dry Canyon Debris Basin)	<u>56,000</u>	
Total Funds Committed/Balance	\$1,230,000	(\$4,464,000)

Funds Committed For Construction Loans

1 Rocky Ford Irr Co (Rocky Ford Dam)	<u>\$130,000</u>	
Total Funds Committed/Balance	\$130,000	(\$4,594,000)

Oct-99

BOARD OF WATER RESOURCES

Cities Water Loan Fund

Funding Status FY2000

Carryover From Previous Fiscal Year	\$472,000
Interest	\$10,000
Repayments	\$1,992,000
Appropriations	<u>\$0</u>
Available Funds	\$2,474,000
Funds Contracted (Unpaid Balance)	<u>\$0</u>
Total Deductions	\$0
Funds Available for Projects This FY	<u>\$2,474,000</u>
<u>Project Bonds Closed This FY</u>	
1 Francis Town	\$342,000
Total Bonds Closed	<u>\$342,000</u>
Funds Balance	\$2,132,000
<u>Funds Committed to Projects</u>	
1	\$0
Total Funds Committed	<u>\$0</u>
Funds Balance	\$2,132,000
<u>Projects Ready for Funding During This Fiscal Year</u>	
1 Fairview City	\$486,000
2 Hanna Water & Sewer District	1,146,000
Total Funds Authorized	<u>\$1,632,000</u>
Remaining Funds Available	\$500,000

Oct-99

BOARD OF WATER RESOURCES
Conservation & Development fund
Funding Status
FY 2000

Carryover From Previous Fiscal Year	\$10,322,000
Interest	\$464,000
Repayments	\$7,901,000
Appropriations from General Fund & Sales Tax	<u>\$9,840,000</u>
Available Funds	\$28,527,000

Transfers to CUP & Dam Safety	(\$6,800,000)
Recapitalization Payments & Reserves	(\$3,782,000)
Engineering Payments to Investigation Account	(\$350,000)
Administrative Costs	(\$1,284,000)
Funds Contracted (Unpaid Balance)	(\$9,139,000)
Total Deductions	<u>(\$21,355,000)</u>
Funds Available for Projects This FY	<u>\$7,172,000</u>

Projects Contracted/Bonds Closed This FY

1 Richville Pipeline Co	\$57,000
2 Washington County WCD (Bond Ins Grant)	163,000
3 Weber Basin WCD (Bond Ins Grant)	163,000
Total Funds Contracted/Closed	<u>\$383,000</u>
Funds Balance	\$6,789,000

Funds Committed to Projects

1 Riverton City	\$1,500,000
2 Wellington City (Amended)	400,000
3 Weber Basin WCD (Interest Buydown)	750,000
4 Davis & Weber Counties Canal Co	1,500,000
Total Funds Committed	<u>\$4,150,000</u>
Funds Balance	\$2,639,000

Projects ready for Funding During This Fiscal Year

1 Uintah WCD (Red Wash)	\$1,940,000
2 Roy Water Conservancy Subdistrict	840,000
3 Springville City (Culinary)	300,000
4 City of Enterprise	1,461,000
5 Charleston WCD	1,093,000
6 Nibley City	131,000
7 Pole Patch Land Owners Association	225,000
8 Ferron Canal & Reservoir Co	2,000,000
9 Strawberry High Line Canal Co	3,187,000
10 East Carbon City (Tr. Plant)	845,000
11 Gunnison Irr Co (Ph 2)	275,000
12 Pheasantbrook Homeowners Assc	48,000
13 North Salt Lake City	650,000
14 Price-Wellington Control Board	3,925,000
15 Pleasant Grove City	150,000
16 Washington County WCD (Sand Hollow)	6,000,000
17 Nordic Mountain Water Users	1,113,000
18 LaVerkin City	640,000
19 Pine Valley Irr Co	529,000
20 Kanab Irr Co	56,000
Total Funds Authorized	<u>\$25,408,000</u>
Remaining Funds Available	(\$22,769,000)

Oct-99

BOARD OF WATER RESOURCES

Future Funding Needs

Applications Received	Fund	County	Estimated Board Funding	Total Cost
1 Davis & Weber Counties Cnl Co (Ph 4)	C&D	Davis	\$10,925,000	\$350,000
2 Rocky Ford Irr Co	RCF	Beaver	350,000	2,400,000
3 Franklin Cub River Pumping Co	RCF	Cache	200,000	170,000
4 Providence Logan Irr Co	RCF	Cache	600,000	122,000
5 Carbonville Ditch Co	RCF	Carbon	462,000	600,000
6 East Carbon City (Dam)	C&D	Carbon	10,000,000	275,000
7 Holmes Creek Irr Co (Secondary Irr)	C&D	Davis	2,400,000	3,500,000
8 Town of Altamont	C&D	Duchesne	190,000	125,000
9 Gunnison Butte Mutual Irr Co	C&D	Emery	14,000,000	18,000,000
10 Pine Creek Irr Co	RCF	Garfield	53,000	500,000
11 Juab Lake Irr Co	RCF	Juab	100,000	200,000
12 Kane county WCD	C&D	Kane	2,000,000	600,000
13 Morgan City	C&D	Morgan	1,110,000	10,000,000
14 Piute Res & Irr Co	RCF	Piute	260,000	260,000
15 Keith Johnson	RCF	Rich	50,000	50,000
16 Woodruff Irrigating Co	C&D	Rich	800,000	98,000
17 Holliday Water Co	C&D	Salt Lake	1,661,000	20,674,000
18 Lower Mill Creek Irr Co	C&D	Salt Lake	500,000	1,000,000
19 Central Culinary Water Co	RCF	Sevier	18,000	1,661,000
20 Richfield City	C&D	Sevier	600,000	1,000,000
21 Summit Water Distribution Co	C&D	Summit	900,000	30,000
22 Silver Spurs Water Co	C&D	Tooele	28,000	1,000,000
23 K ranch LLC	RCF	Uintah	275,000	343,750
24 Uintah WCD	C&D	Uintah	3,500,000	244,000
25 Uintah WCD (Leota Bench)	C&D	Uintah	1,000,000	600,000
26 Alpine Cove Water Co	C&D	Utah	370,000	10,500,000
27 Central Utah WCD (Prepay FY98)	C&D	Utah	1,000,000	1,250,000
28 Central Utah WCD (Prepay FY 99, 2000)	C&D	Utah	2,000,000	2,500,000
29 Goshen Irr & Canal Co	RCF	Utah	240,000	807,000
30 Springville City (Secondary Irr)	C&D	Utah	18,000,000	28,000
31 Westfield Irr Co	RCF	Utah	306,000	287,000
32 Midway Irr Co (Ph 2,3)	C&D	Wasatch	9,700,000	12,125,000
33 Washington County WCD (Ivins)	C&D	Washington	1,390,000	952,000
34 Washington County WCD (Toquerville)	C&D	Washington	400,000	100,000
35 Fremont Irr Co (Forsyth)	RCF	Wayne	100,000	70,000
36 Fremont Irr Co (Mill Meadow)	RCF	Wayne	100,000	100,000
37 Downs Ditch Water Co	RCF	Weber	10,000	2,000,000
38 Hooper Irr Co	RCF	Weber	125,000	800,000
Total			\$85,723,000	\$95,321,750

Oct-99